FREECOM

INNOVATIVE GERMAN QUALITY

MANUAL DE USUARIO

DUAL DRIVE NETWORK CENTER

EXTERNAL REMOVABLE DUAL NETWORK HARD DRIVE / 3.5" / GIGABIT LAN / USB 2.0 HOST

Rev. 037

Estimada usuaria, estimado usuario:

Muchas gracias por haberse decidido por el **Freecom Dual Drive Network Center**. El Freecom Dual Drive Network Center le ofrece opciones fáciles de usar para guardar datos en red y la posibilidad de utilizar el dispositivo como DLNA/UPnP Media Server y como Torrent Download Client.

Tenga en cuenta que este manual es una guía general que se utiliza para varios productos Freecom. Las figuras de productos que aparecen en este manual pueden diferir del aparato que ha comprado.

Freecom Technologies GmbH • Germany
www.freecom.com

Contenido de la caja

Compruebe el contenido del embalaje. En la parte posterior de la caja aparecen listados todos los artículos incluidos en el suministro.

¿Necesita ayuda? ¿Tiene preguntas?

Si tiene preguntas sobre el uso de este producto, si necesita información sobre otros productos Freecom o si necesita soporte profesional, póngase en contacto con el servicio de atención al cliente de su país. Para más información consulte la página web www.freecom.com.

Freecom ofrece soporte helpdesk ilimitado.

¡Advertencia!

Todos los derechos reservados. Los productos citados en este manual se usan sólo con fines identificativos, pudiendo ser marcas comerciales o marcas registradas de las respectivas compañías. Este dispositivo está destinado a su uso doméstico o en la oficina.

Este dispositivo es un equipo que cumple la norma EN55022, clase B.

Freecom no podrá hacerse responsable por posibles daños, pérdidas de datos o por desperfectos de ellos derivados -cualesquiera (incluyendo, sin limitación, perjuicios por pérdidas de beneficios, interrupción de la actividad empresarial, pérdida de información comercial u otras pérdidas pecuniarias) surgidos del uso o de la incapacidad de uso de este producto Freecom, incluso si Freecom ha sido advertido sobre la posibilidad de tales daños.

Nos reservamos el derecho a actualizar nuestros productos de acuerdo a los avances tecnológicos.

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Información general

Para estar seguro de que no habrá problemas durante el funcionamiento, debe disponerse como mínimo del siguiente hardware y software.

Requerimientos del sistema

Para la utilización de la unidad Freecom Dual Drive Network Center, se necesitan los siguientes componentes:

PC:

- Intel Pentium III / AMD Duron 900 MHz o superior
- 256 MB RAM (Vista / 7: 512 MB RAM) o superior
- LAN (se recomienda conexión 1000Base-T full Duplex)
- Unidad CD-ROM
- Conexión a internet para el registro online de la garantía y para descargar software actual
- Sistema operativo: Windows XP, Windows Vista, Windows 7

Mac:

- PowerPC G4/G5 o Intel Mac
- 256 MB Ram o superior
- LAN (se recomienda conexión 1000Base-T full Duplex)
- Unidad CD-ROM
- Conexión a internet para el registro online de la garantía y para descargar software actual
- Sistema operativo: MacOS X v10.4 o superior

Para que pueda utilizarlo inmediatamente, el Freecom Dual Drive Network Center está preformateado y configurado como RAID 0. De este modo dispone de la capacidad de memoria máxima. Si prefiere disponer de la máxima seguridad de datos, recomendamos configurarlo como RAID1. En modo "RAID1" se espejean los discos duros, con lo que sólo dispondrá de la mitad de capacidad de memoria. Si uno de los discos duros fallara, puede restablecer los datos desde el segundo disco duro. Encontrará más información sobre la configuración de los discos duros en el capítulo "Configuración de los discos duros" de este manual.

Medidas de precaución

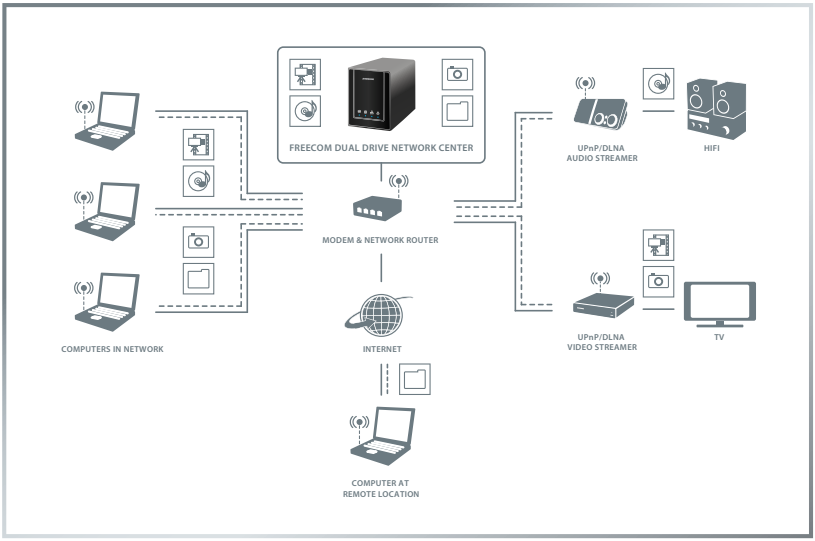
Para asegurarse de que su unidad Freecom Dual Drive Network Center funciona adecuadamente, tome nota, por favor, de las siguientes precauciones. Si estas no se siguen, usted podría dañar el Freecom Dual Drive Network Center y anularse la garantía.

- No deje caer el Freecom Dual Drive Network Center ni lo exponga a ningún otro tipo de golpes ya que podría provocar la pérdida de datos.
- No use la unidad Freecom Dual Drive Network Center cuando la temperatura ambiente sea menor de 10°C o superior a 35°C.
- Si la unidad Freecom Dual Drive Network Center se traslada de un entorno frío a otro caliente, por favor, deje que el dispositivo se aclimate a la temperatura ambiente antes de utilizarlo. No hacerlo puede producir condensación dentro de la unidad, lo que se traducirá en un mal funcionamiento de la misma.
- No coloque líquidos ni bebidas sobre el Freecom Dual Drive Network Center. Si se derraman líquidos y entran en contacto con los componentes electrónicos dentro de la unidad, se puede dañar el disco y provocar un mal funcionamiento.
- No use el Freecom Dual Drive Network Center en un entorno sucio o polvoriento. Demasiado polvo dentro de la carcasa puede dañar la electrónica interna y dar lugar a un mal funcionamiento.
- Use solamente el adaptador de corriente suministrado con el Freecom Dual Drive Network Center.
- La garantía se anula en caso de abrir el Freecom Dual Drive Network Center.

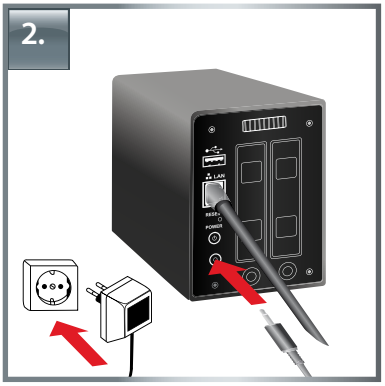
Si durante la instalación o configuración del Freecom Dual Drive Network Center necesita ayuda o tuviera alguna consulta , póngase en contacto con el servicio de atención al cliente Freecom de su país. Para obtener más información sobre ello consulte la página web www.freecom.com.

Freecom ofrece un soporte helpdesk completamente gratuito e ilimitado.

Sinopsis de instalación Freecom Dual Drive Network Center



Capítulo: Instalación de Hardware



1. Conecte el conector del cable* al Freecom Dual Drive Network Center.
2. **Opcional:** Conecte el cable del adaptador de corriente al Freecom Dual Drive Network Center y el propio adaptador a la red eléctrica.
3. Conecte el otro extremo del conector del cable* a un router de red.

   Tenga en cuenta que el router debe estar configurado como servidor DHCP. Encontrará más información acerca de cómo configurar la función de servidor DHCP en el router en el manual del mismo.
4. **Opcional:** si su aparato dispone de un interruptor de red, debe conectarlo antes de usarlo.

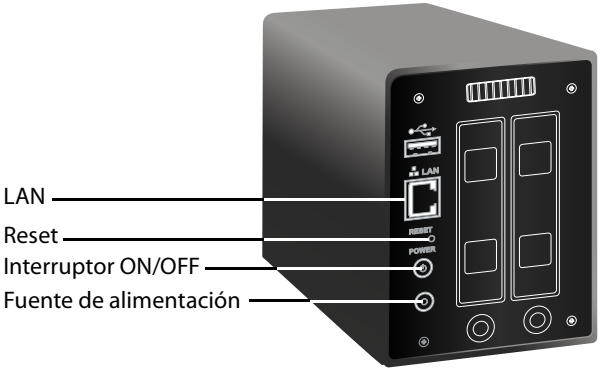
* Utilice el cable de interfaz de su aparato (p. ej. USB, eSATA, Firewire, LAN) para la conexión al PC/Mac.

Descripción de LED

	Encendido	Intermitente	Rojo	Apagado
1. LED: HDD 1	HDD formateado	x	HDD sin formatear	x
2. LED: HDD 2	HDD formateado	x	HDD sin formatear	x
3. LED: red	conexión de red	x	x	ninguna conexión de red
4. LED: aliment.	modo normal	acceso a datos	error del sistema	dispositivo apagado

Interruptor de poder

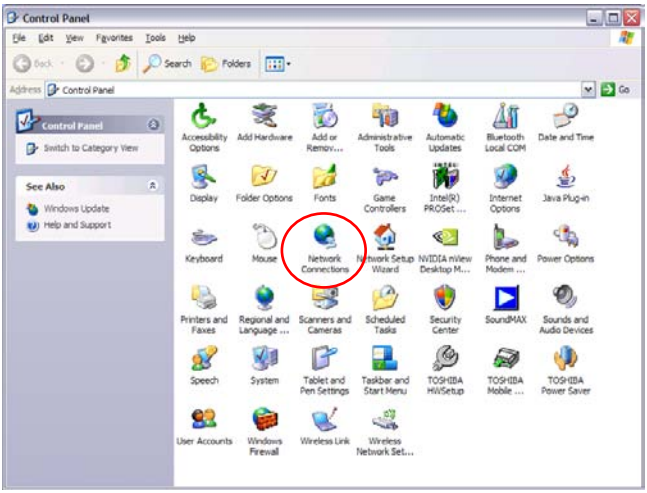
En caso de no utilizar su Freecom Dual Drive Network Center, apáguelo. Esto ahorra energía y ayuda a prolongar la vida útil de sus discos duros. El interruptor de poder está en el lado trasero de su Freecom Dual Drive Network Center.



Capítulo: Uso del modo LAN

Verificar la configuración de TCP/IP en Windows XP

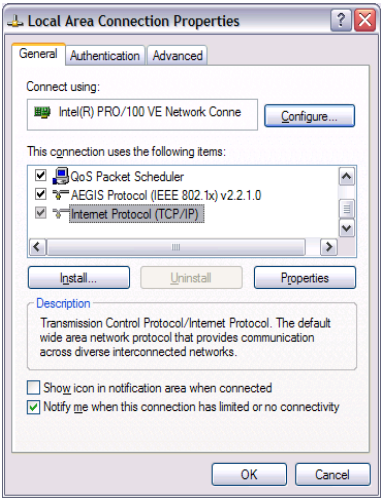
1. Abra "Start" (inicio) -> "Settings" (configuración) -> "Control Panel" (panel de control).



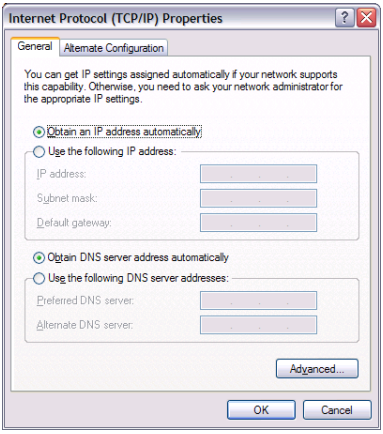
2. Haga doble clic en "Network Connections" (conexiones de red).

3. Haga clic con el botón derecho del ratón en su "Local Area Connection" (conexión de área local) y seleccione "Properties" (propiedades).

4. Aparece la siguiente pantalla. Seleccione "Internet Protocol (TCP/IP)" (protocolo Internet (TCP/IP)) y haga clic en el botón "Properties" (propiedades).

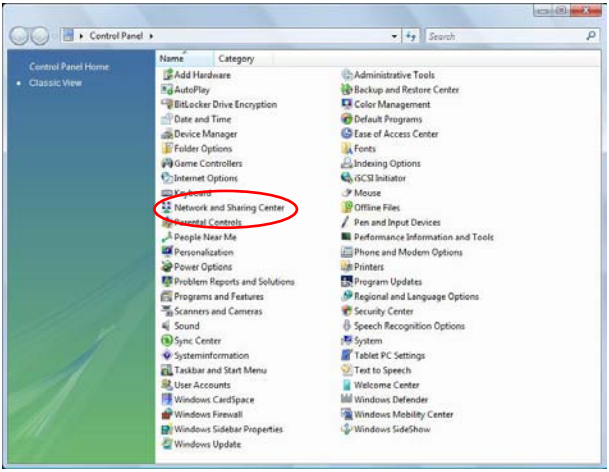


5. En la ficha "General", seleccione "Obtain an IP address automatically" (obtener una dirección IP automáticamente) y "Obtain DNS server address automatically" (obtener una dirección de servidor DNS automáticamente).

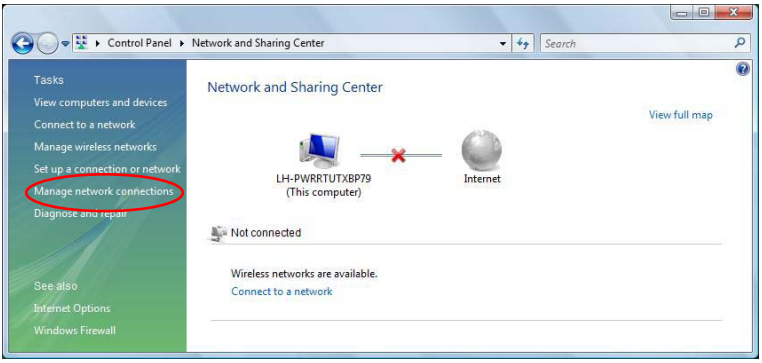

Internet Protocol (TCP/IP) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Verificar la configuración de TCP/IP en Windows Vista / 7

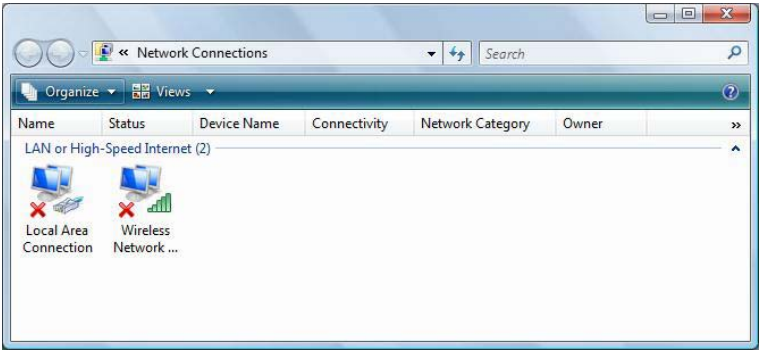
1. Abra "Control Panel" (panel de control) -> "Network and Sharing Center" (centro de compartición y redes).



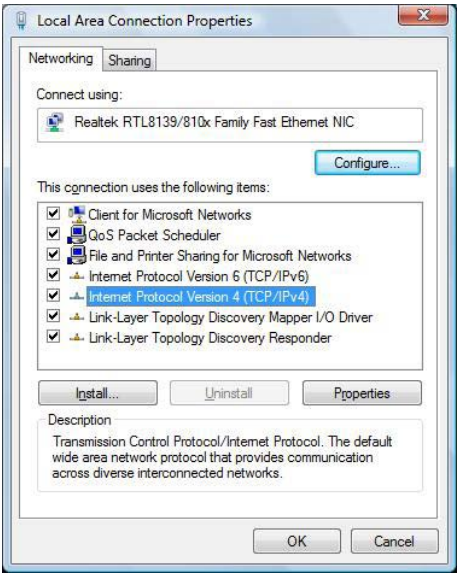
2. Haga clic en "Manage Network Connections" (administrar conexiones de red).



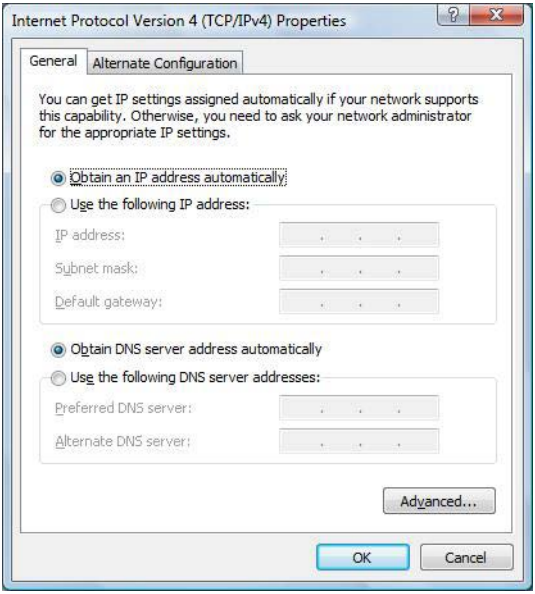
3. Haga clic con el botón derecho del ratón en "Local Area Connection" (conexión de área local) y seleccione "Properties" (propiedades).



4. En la ficha "Networking" (red), seleccione "Internet Protocol Version 4 (TCP/IPv4)" (protocolo Internet versión 4 (TCP/IPv4)) y haga clic en "Properties" (propiedades).



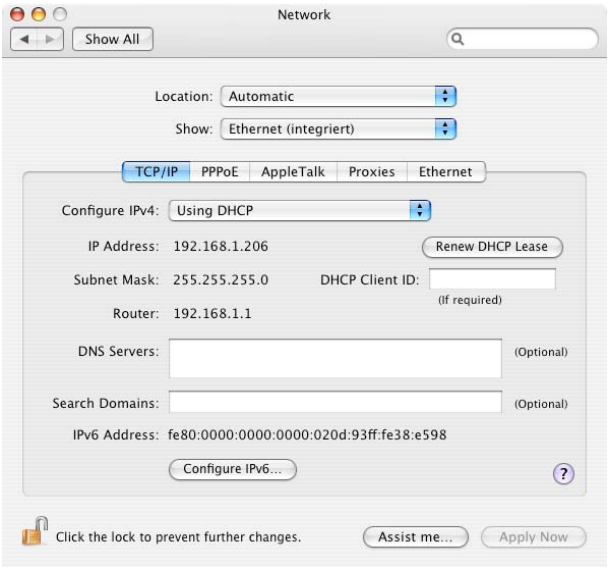
5. En la ficha "General", seleccione "Obtain an IP address automatically" (obtener una dirección IP automáticamente) y "Obtain DNS server address automatically" (obtener una dirección de servidor DNS automáticamente).


Internet Protocol Version 4 (TCP/IPv4) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Verificar la configuración de TCP/IP en Mac OS X

1. Abra "System Preferences" (preferencias del sistema) -> "Network" (red).

2. En la ficha "TCP/IP", seleccione "Using DHCP" (usar DHCP) en "Configure IPv4" (configurar IPv4).



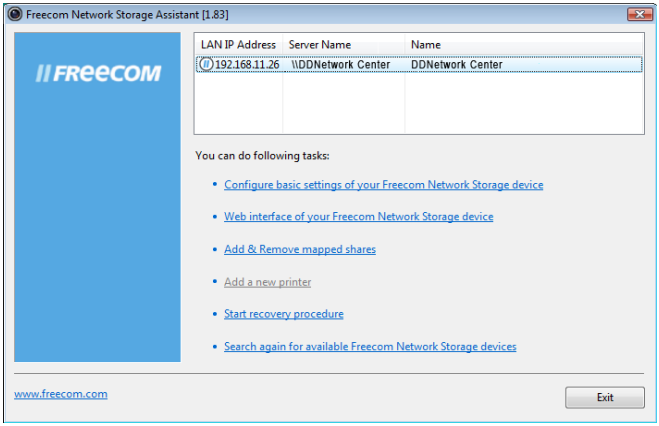
Capítulo: Instalación de software

Instalación de software Asistente del Freecom Network Storage (PC)

El Asistente del Freecom Network Storage permite que el sistema reconozca rápidamente el Dual Drive Network Center y le ayudará a configurarlo. Cuando se ejecuta el Asistente, éste le muestra todos los Network disponibles en su red y le asiste a la hora de crear carpetas de red.

1. Por favor, inserte el Manual & Application CD en el lector de CD/DVD. Éste contiene manuales de usuario y software, incluido el Freecom Network Storage Assistant. Una vez haya insertado el CD, aparecerá automáticamente una ventana en la pantalla. Si esto no sucede, proceda como se indica a continuación:
2. Abra "Mi PC".
3. Haga doble clic en la unidad del lectura de CD que contiene el CD. Entonces se abrirá la ventana del CD.

4. Haga clic en "Software Installation" -> "FNS Assistant". Comenzará la instalación. Siga las instrucciones de pantalla, confirme con "Siguiente" para continuar con la instalación. Una vez haya finalizado la instalación, presione "Salir" para salir de la pantalla de menú.
5. Inicie Freecom Network Storage Assistant haciendo clic en el icono "FNSA" de su escritorio o mediante "Inicio" -> "Programas".
6. Compruebe en el FNSA si su Dual Drive Network Center ha sido reconocido por el sistema. El reconocimiento puede tardar cierto tiempo. Si su Dual Drive Network Center no es reconocido inmediatamente, haga clic en "Search again for available Freecom Network Storage devices" ("Buscar otra vez dispositivos Freecom Network Storage devices"), para repetir la detección del Dual Drive Network Center.



7. En el capítulo "El Asistente Freecom Network Storage" hallará una detallada descripción funcional del Asistente del Freecom Network Storage .

Instalación de software Asistente del Freecom Network Storage (Mac)

El Asistente del Freecom Network Storage permite que el sistema reconozca rápidamente el Dual Drive Network Center y le ayudará a configurarlo. Cuando se ejecuta el Asistente, éste le muestra todos los Network disponibles en su red y le asiste a la hora de crear carpetas de red.

1. Por favor, inserte el Manual & Application CD en el lector de CD/DVD. Éste contiene manuales de usuario y software, incluido el Freecom Network Storage Assistant.
2. Ahora puede ver el símbolo CD en su escritorio Mac.
3. Haga doble clic en el símbolo CD. Entonces se abrirá el menú de inicio de Freecom.

4. Haga clic en "Software Installation" -> "FNS Assistant". Comenzará la instalación. Siga las instrucciones de pantalla, confirme con "Siguiente" para continuar con la instalación. Una vez haya finalizado la instalación, presione "Salir" para salir de la pantalla de menú.
5. Inicie el "Freecom Network Storage Assistant". Este lo encontrará en "Aplicación" —> "Servicios".
6. Compruebe en el FNSA si su Dual Drive Network Center ha sido reconocido por el sistema. El reconocimiento puede tardar cierto tiempo. Si su Dual Drive Network Center no es reconocido inmediatamente, haga clic en "Search again for available Freecom Network Storage devices" ("Buscar otra vez dispositivos Freecom Network Storage devices"), para repetir la detección del Dual Drive Network Center.
7. En el capítulo "El Asistente Freecom Network Storage" hallará una detallada descripción funcional del Asistente del Freecom Network Storage .

Capítulo: Acceso a Dual Drive Network Center

Acceso a datos vía SMB

Server Message Block (SMB) funciona como un protocolo de red, utilizado principalmente para proporcionar acceso compartido a archivos entre nodos de una red.

Windows

Abra Windows Explorer e introduzca o bien

\\ddnetworkcenter* o

\\DIRECCIÓN_IP en la línea de la dirección (DIRECCIÓN_IP es la dirección IP de su Dual Drive Network Center).

Si ha modificado el nombre del ordenador principal o la dirección IP, por favor, utilice los nuevos ajustes. Introduzca su nombre de usuario y contraseña para acceder a Dual Drive Network Center. Si está entrando como administrador, tendrá acceso a todas las carpetas de Dual Drive Network Center.

Linux

Abra el explorador de archivos (Konqueror, por ejemplo) e introduzca

smb://ddnetworkcenter * o

smb://DIRECCIÓN_IP en la barra de la dirección (DIRECCIÓN_IP es la dirección IP de su Dual Drive Network Center).

Introduzca su nombre de usuario y contraseña para acceder a Dual Drive Network Center. Si está entrando como administrador, tendrá acceso a todas las carpetas de Dual Drive Network Center.

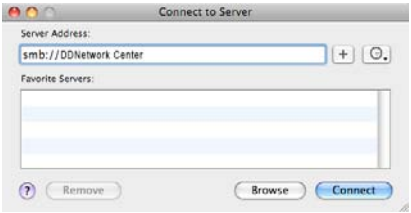
Mac OS

Mac OS X Vers. 10.4 y posteriores

Seleccione Ir a‘ -> ‚Conectar con servidor...‘ en la barra de menú. La dirección de Dual Drive Network Center es:

smb://ddnetworkcenter * o

smb://DIRECCIÓN_IP en la barra de dirección (DIRECCIÓN_IP es la dirección IP de su Dual Drive Network Center).



* Valores por defecto. Si ha modificado el nombre del ordenador principal o la dirección IP, por favor, utilice los nuevos ajustes.

Haga clic en ‚Conectar'. Introduzca el nombre del grupo de trabajo, su nombre de usuario y contraseña para acceder a Dual Drive Network Center. Si entra como administrador, tendrá acceso a todas las carpetas de Dual Drive Network Center.

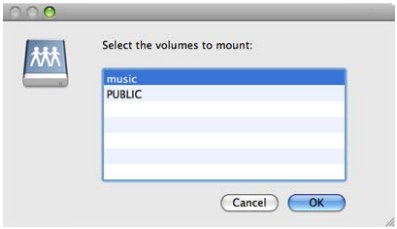
Observación: el nombre del grupo de trabajo del Freecom Dual Drive Network Center se define en el menú de configuración del Freecom Dual Drive Network Center, en la opción Setup - System.

Mac OS X 10.4

Mac OS X 10.5

Después, tendrá que seleccionar una carpeta compartida en la siguiente pantalla. Presione OK para continuar. Una vez haya pulsado OK, Dual Drive Network Center estará configurado y aparecerá un icono en el escritorio del ordenador.

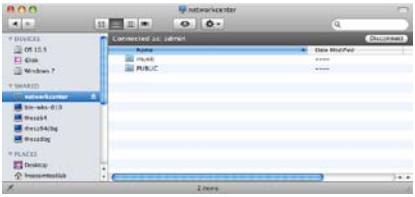
Mac OS X 10.4



Mac OS X 10.5

Para acceder a todas las carpetas de Dual Drive Network Center para las que tenga asignados derechos de uso a través de su nombre de usuario, simplemente haga doble clic en este símbolo.

Mac OS X 10.4



Mac OS X 10.5

Acceso a datos vía FTP

Note: No todos los exploradores se pueden utilizar para subir datos vía FTP. Sólo los que incluyen Internet Explorer y Konqueror. Le recomendamos utilizar un software de cliente FTP, como WS_FTP, SmartFTP o CuteFTP.

El File Transfer Protocol (FTP) es un protocolo de red estándar utilizado para intercambiar archivos a través de un red de ordenadores con protocolo de Internet (TCP/IP). El protocolo FTP está basado en una arquitectura cliente-servidor.

Acceso local

Permite la opción servidor FTP. Utilice cualquier software de cliente FTP o abra su explorador e introduzca

ftp://USERNAME:USERPASSWORD@IP_ADDRESS *

or

ftp://USERNAME:USERPASSWORD@ddnetworkcenter *

(IP_ADDRESS es la dirección IP de su Dual Drive Network Center)

Acceso FTP a través de Internet

Permite la opción de servidor FTP en la configuración de Dual Drive Network Center. Su router se tiene que configurar como se indica a continuación:

1. Reenvío de puerto

Reenvíe el puerto 21 a la dirección IP de su Dual Drive Network Center.

* Si ha modificado el nombre del ordenador principal o la dirección IP de Dual Drive Network Center, por favor, utilice aquí los nuevos ajustes.

2. Dynamic DNS

Dynamic Domain Name System le ofrece la posibilidad de proporcionar un nombre DNS oficial, como www.yourname.com, a la dirección IP dinámica que haya obtenido de su proveedor de servicios de Internet.

Para hacerlo, primero, necesitará registrarse en un servicio DynDNS. Actualiza las direcciones IP modificadas y las reenvía al nombre de dominio. Esto le permite estar disponible en un único nombre de dominio en cualquier momento si su dirección IP cambia.

Si su router soporta esta opción, le recomendamos utilizar esta función, de lo contrario, tendrá que saber siempre la dirección WAN IP de su router para acceder a Dual Drive Network Center vía FTP desde Internet.

Utilice cualquier software de cliente FTP o abra su explorador e introduzca

ftp://USERNAME:USERPASSWORD@YOUR_INTERNET_IP

o

ftp://USERNAME:USERPASSWORD@YOUR_DYNDNS_HOST.

USERNAME = su nombre de usuario

USERPASSWORD = su contraseña de usuario

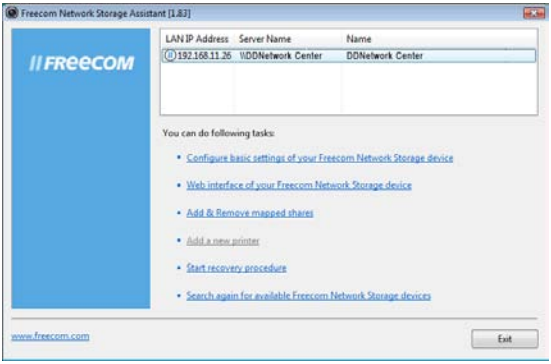
YOUR_INTERNET_IP = su dirección WAN IP

YOUR_DYNDNS_HOST = su dirección DNS dinámica

Capítulo: Configuración de la unidad Freecom Dual Drive Network Center

El asistente de almacenamiento de Freecom Dual Drive Network Center

Usted puede usar el "Freecom Network Storage Assistant" (asistente de almacenamiento de Freecom Network) para configurar la unidad de Freecom Dual Drive Network Center. Esta herramienta ofrece las siguientes funciones:

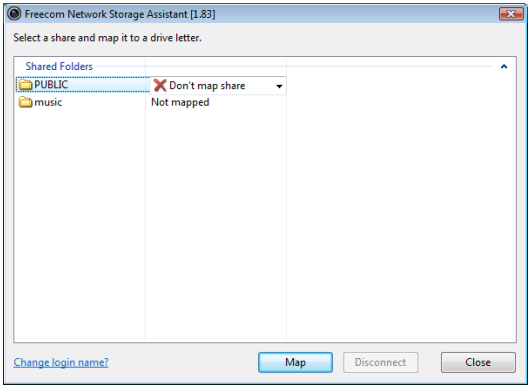


Acceso a la interfaz Web de su Freecom Dual Drive Network Center

Si hace clic en este punto de menú, se abrirá la interfaz Web del Freecom Dual Drive Network Center en su explorador predeterminado.

Agregar y quitar unidades de disco de red

Dentro de este menú podrá asignar letras de unidad a las carpetas de su Freecom Dual Drive Network Center. Esto le permitirá acceder rápidamente a estas carpetas.



Repetir la búsqueda de Freecom Dual Drive Network Center disponibles

Haga clic aquí para volver a buscar su Freecom Dual Drive Network Center, en caso de que no hubiera podido localizarse. Cerciórese de que ha configurado su red tal y como se ha descrito en este manual y de que ha enchufado todos los cables del modo debido.

Póngase en contacto con el Freecom Support Center si todos los cables están conectados y tras diversos intentos su dispositivo no es reconocido.

Capítulo: Funciones del Freecom Dual Drive Network Center

Este apartado describe las funciones del Freecom Dual Drive Network Center.

Inicio de sesión

Utilice el "Freecom Network Storage Assistant" para abrir la interfaz web de su Dual Drive Network Center, inicie su navegador e introduzca la dirección siguiente:

http://ddnetworkcenter

para abrir la interfaz web.

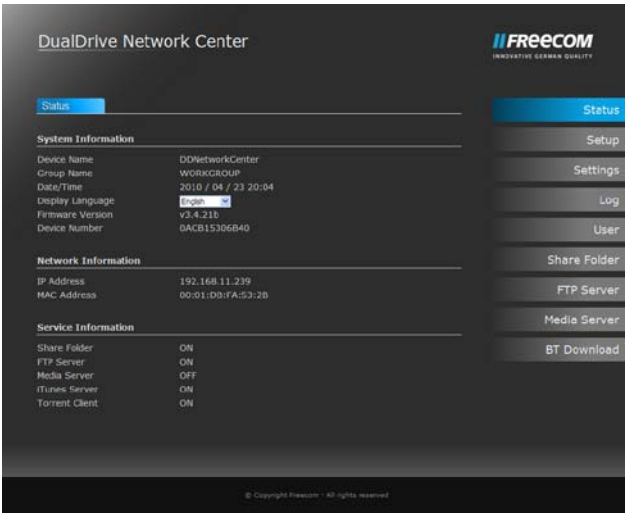
Se abre una ventana de inicio de sesión:

Utilice el nombre de usuario y la contraseña siguientes para iniciar la primera sesión:

Nombre de usuario:	admin
Contraseña:	admin

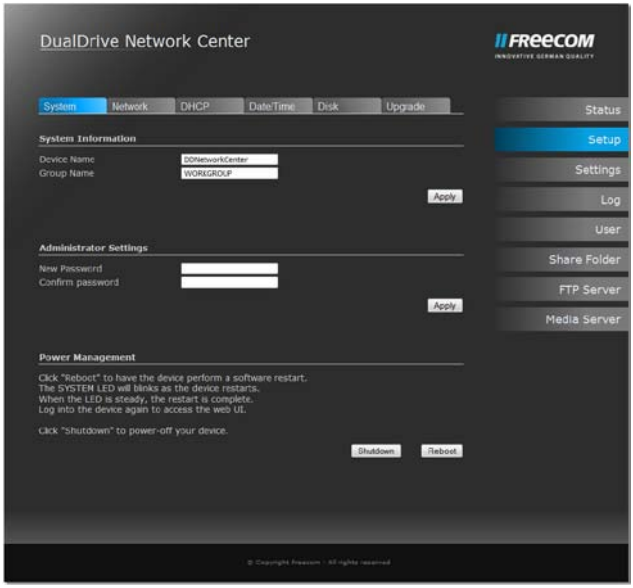
Estado (Status)

Al seleccionar esta opción aparecerá un resumen de la configuración del dispositivo y la red, así como del estado de los discos duros:



Configuración (Setup)

El apartado "Setup" permite configurar los ajustes básicos del Freecom Dual Drive Network Center.



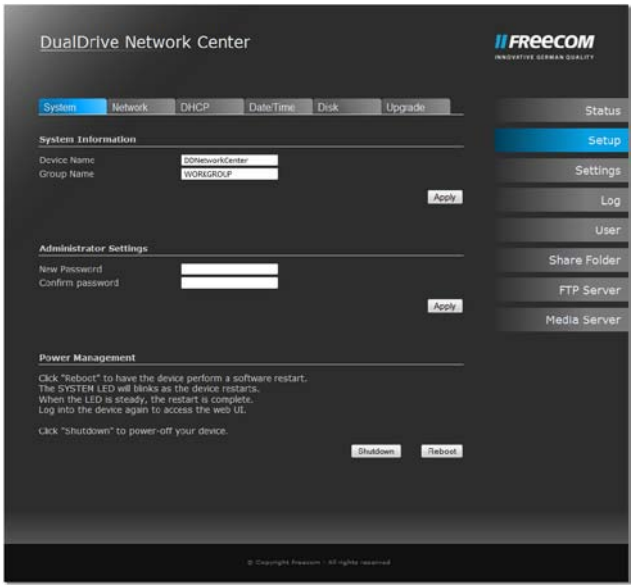
En el submenú "System" se configuran los ajustes siguientes:

- Modificar el nombre del dispositivo y del grupo de trabajo en el punto de menú System
- Modificar la contraseña de administrador en el punto de menú System
- Apagar el dispositivo o reiniciarlo en el punto de menú System
- Configurar los ajustes de red en el punto de menú Network
- Configurar un servidor DHCP en el punto de menú DHCP
- Ajustar la fecha y la hora en el punto de menú Date/Time
- Configurar RAID y JBOD en el punto de menú Disk
- Actualizar el firmware del sistema en el punto de menú Upgrade

Sistema (System)

En el submenú "System" se configuran los ajustes siguientes:

- nombre del dispositivo
- nombre del grupo de trabajo
- contraseña de administrador



Actualizar el nombre del dispositivo/grupo de trabajo

Vaya a Setup -> System

En System Information puede cambiar el nombre del dispositivo y el del grupo de trabajo en el que se encuentra el Freecom Dual Drive Network Center.

Nombre nuevo

Si cambia el nombre del Freecom Dual Drive Network Center, es posible acceder al dispositivo en http://NOMBRE_NUEVO (NOMBRE_NUEVO representa el nombre que ha dado al dispositivo).

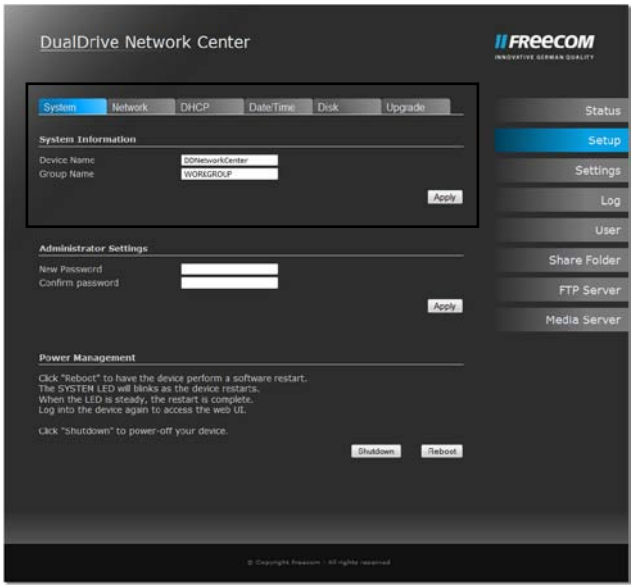
La longitud máxima para el nombre del dispositivo es de 15 caracteres. Sólo se admiten los caracteres A-Z, a-z y 0-9.

Grupo de trabajo nuevo

Aquí puede cambiar el nombre del grupo de trabajo en el que está el dispositivo.

La longitud máxima para el nombre del grupo de trabajo es de 15 caracteres. Sólo se admiten los caracteres A-Z, a-z y 0-9.

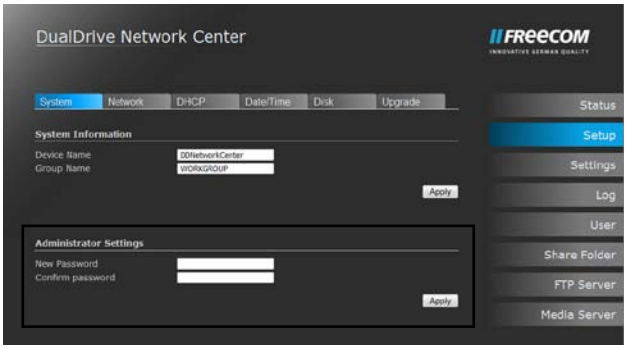
Haga clic en "Apply" una vez haya cambiado los ajustes. El Freecom Dual Drive Network Center se reiniciará para aplicar los ajustes nuevos..



Modificar la contraseña de administrador

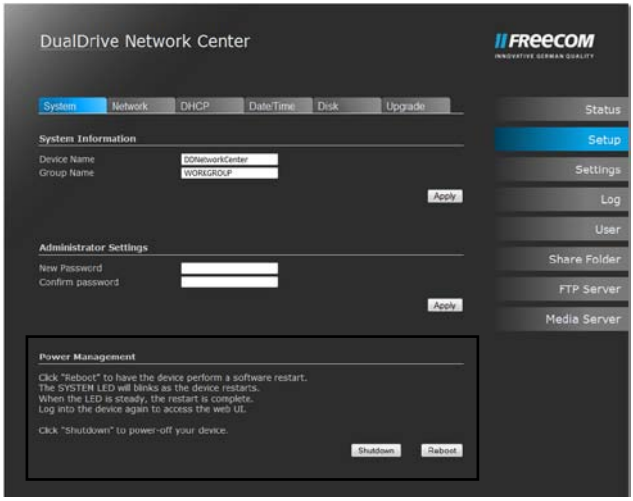
Aquí puede cambiar la contraseña de administrador. Introduzca la contraseña nueva y repítala en el segundo campo.

Su hubiera olvidado la contraseña de administrador, restablezca la configuración de fábrica del dispositivo tal como se describe en el capítulo "Iniciar proceso de recuperación".



Power Management

Aquí puede apagar o reiniciar el dispositivo mediante la interfaz web haciendo clic en el botón Shutdown (apagar) o Reboot (reiniciar), respectivamente, con el puntero del ratón.

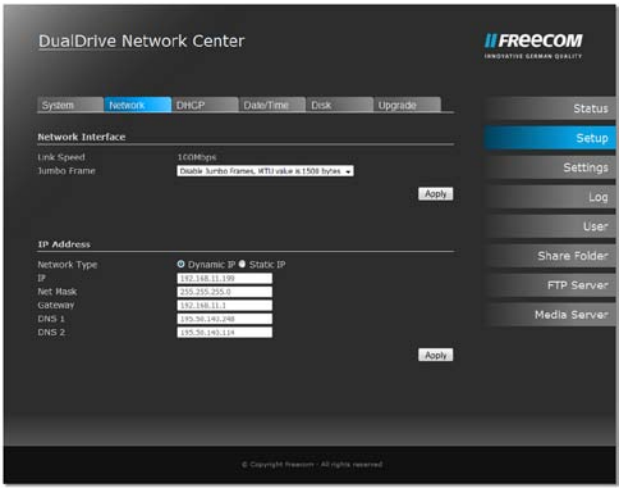


Configuración de los ajustes de red

Vaya a Setup -> Network

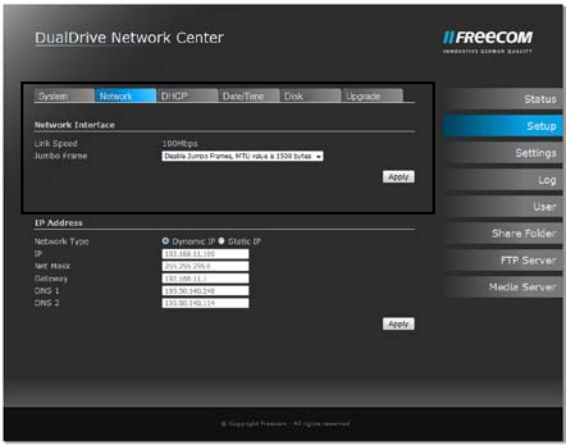
En el submenú "Network" se configuran los ajustes siguientes:

- tamaño de los paquetes de datos Jumbo
- configuración de los ajustes de red



Network Interface

En Network Interface es posible elegir el tamaño de los paquetes de datos Jumbo. Los ajustes de red pueden realizarse manual o automáticamente.

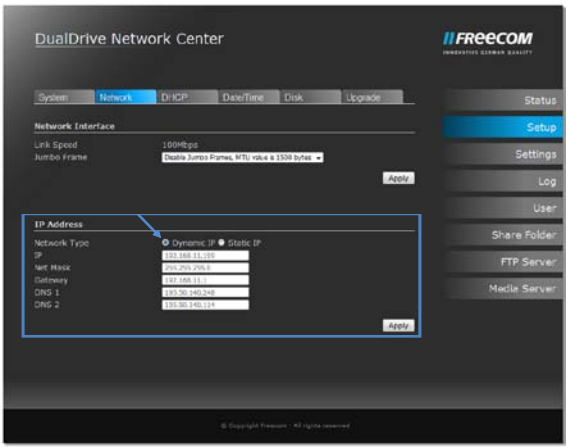


Atención: el tamaño de los frames Jumbo sólo deberían modificarlo usuarios experimentados.

Configuración automática

Si selecciona "Dynamic IP", el Freecom Dual Drive Network Center tomará automáticamente una dirección IP de un servidor DHCP (normalmente su router).

En el primer paso, elija "Dynamic IP" y haga clic en "Apply" para aplicar los cambios. Seguidamente se reiniciará el Freecom Dual Drive Network Center.

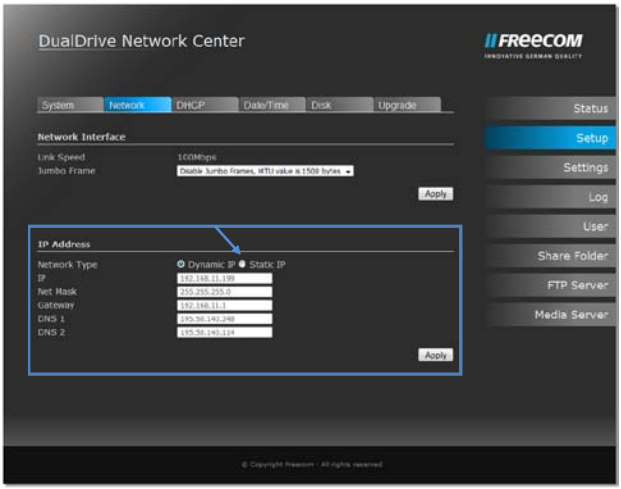


Configuración manual

Atención: no utilice la configuración manual si no está seguro de lo que debe hacer.

La configuración manual permite configurar el Freecom Dual Drive Network Center con una dirección IP estática.

En el primer paso, elija "Static IP" y haga clic en "Apply" para aplicar los cambios. Seguidamente se reiniciará el Freecom Dual Drive Network Center.

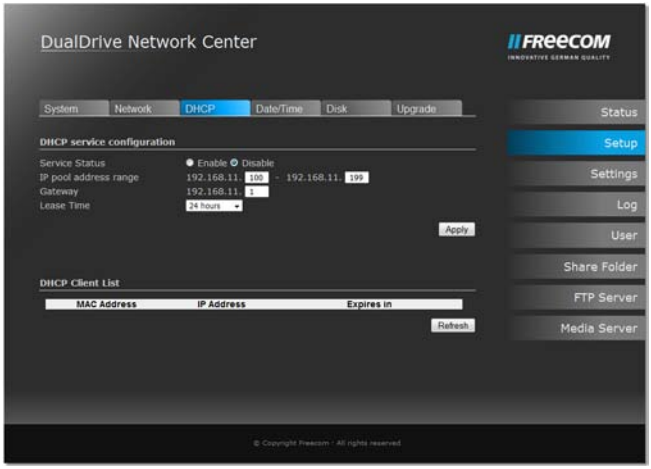


Configuración del servidor DHCP

Vaya a Setup -> DHCP

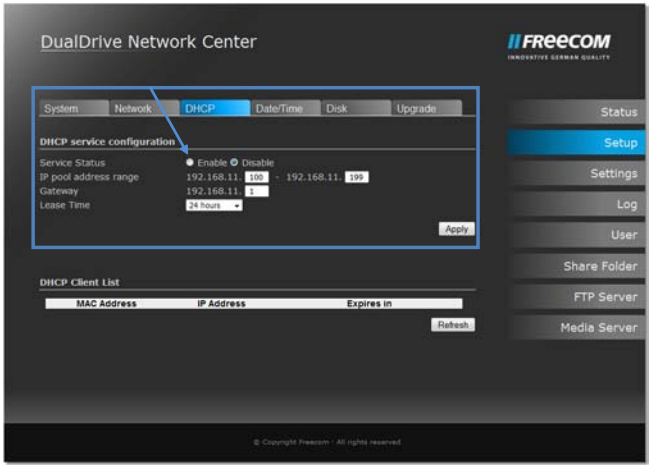
En el submenú DHCP se configuran los ajustes siguientes:

- configuración del servidor DHCP
- administración de los clientes



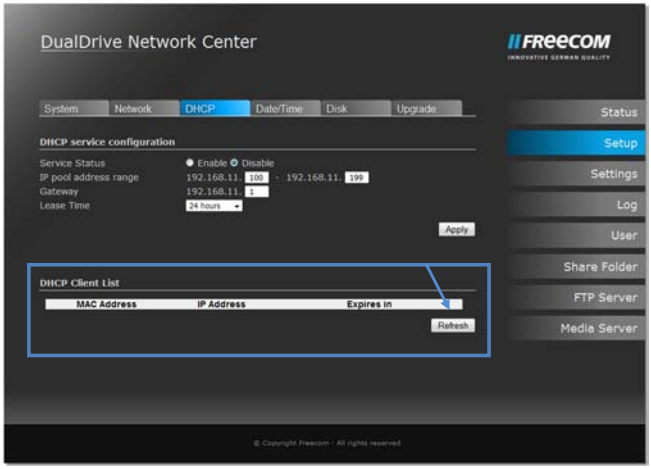
Servidor DHCP

Para conectar el servidor DHCP hay que seleccionar "Enable". Elija ahora el área de direcciones del servidor DHCP e indique el gateway estándar. El Lease Time determina el tiempo durante el que una dirección IP permanece reservada para un cliente. Haga clic en "Apply" para aplicar los cambios.



DHCP Client List

La DHCP Client List muestra todos los clientes que acceden al servidor DHCP si hace clic en "Refresh". Además, se muestran las direcciones MAC e IP de los clientes, así como el Lease Time restante de cada cliente.

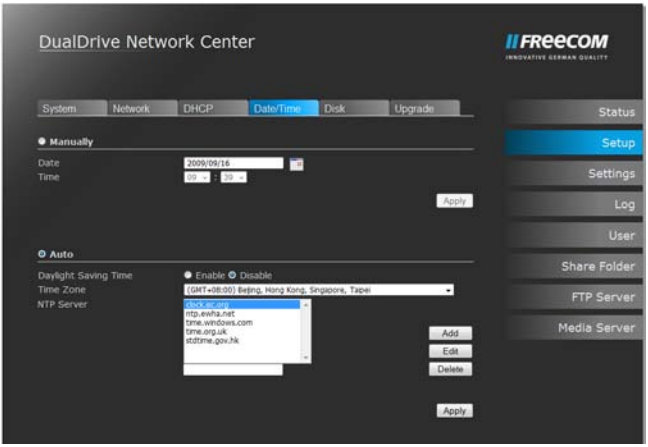


Configuración de fecha y hora

Vaya a Setup -> Date/Time

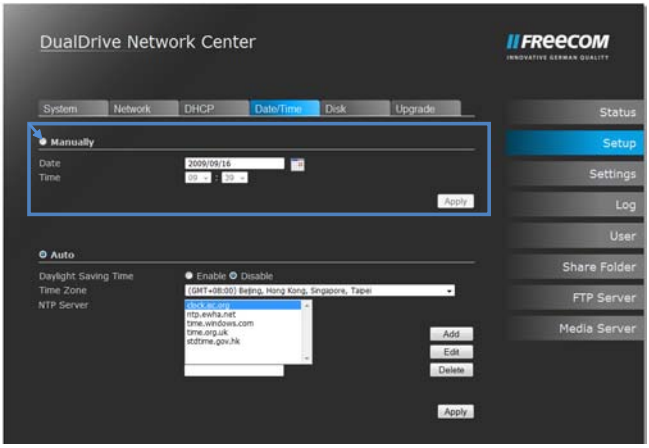
En el submenú "Date/Time" se configuran los ajustes siguientes:

- ajuste manual de fecha y hora
- ajuste automático de fecha y hora



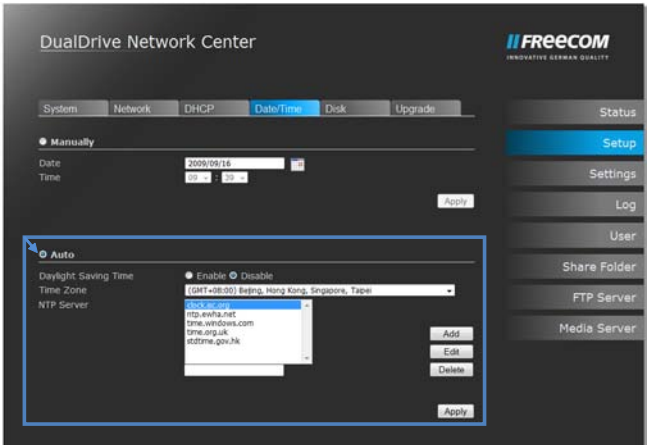
Ajuste manual

Seleccione "Manually" para introducir la fecha y la hora manualmente. Haga clic en "Apply" para aplicar los cambios.



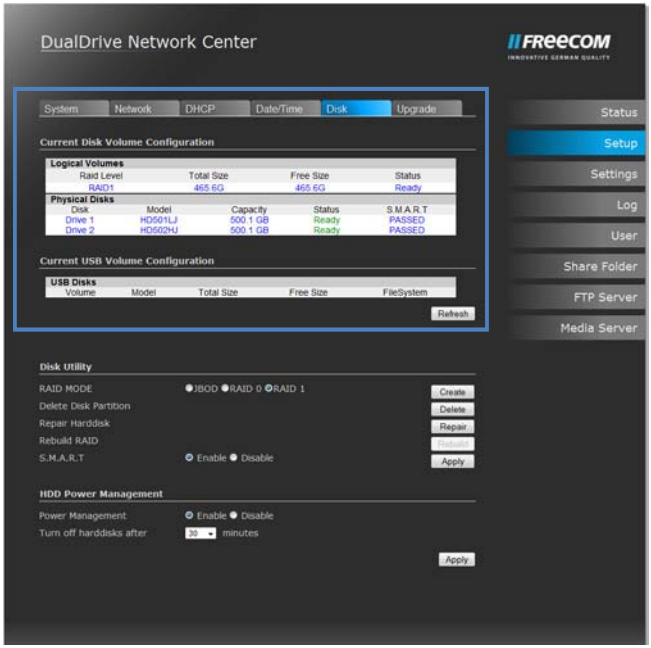
Ajuste automático

Elija "Auto", "Enable" y su zona horaria en Time Zone para que el dispositivo ajuste la hora por sí mismo. Haga clic en "Apply" para aplicar los cambios.



Configuración de los discos duros

Vaya a Setup -> Disk



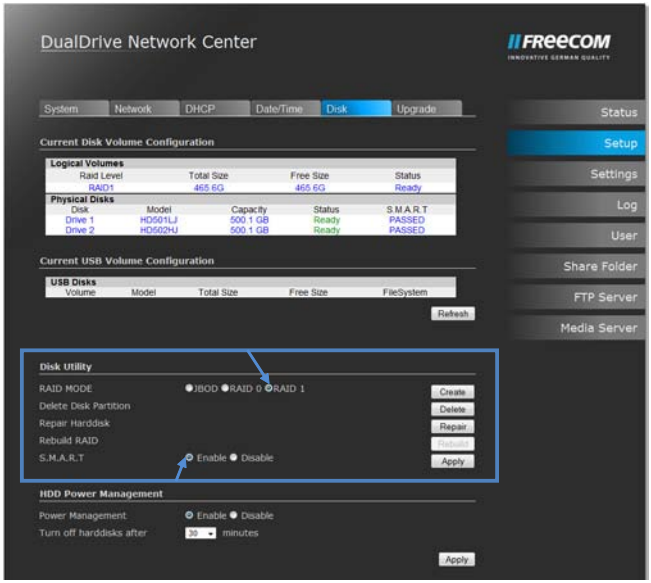
Current Disk Volume Configuration/Current USB Volume Configuration

Aquí se muestra una vista general de las unidades lógicas y físicas así como la organización actual de las unidades lógicas. La vista se actualiza haciendo clic en "Refresh".

Disk Utility

Aquí puede seleccionar la organización de sus unidades lógicas eligiendo "RAID 1", por ejemplo.

Seleccione un esquema de organización y S.M.A.R.T "Enable" o bien "Disable". S.M.A.R.T significa Self-Monitoring, Analysis and Reporting Technology y supervisa el funcionamiento de su disco duro. Haga clic ahora en "Create" para crear el esquema de organización que desee.



Modos RAID

Los discos duros del Dual Drive Network Center pueden configurarse en distintos modos RAID:

JBOD: en este modo, los discos duros del Dual Drive Network Center se configuran como unidades individuales.

RAID 0: en modo "RAID 0", los discos duros del Dual Drive Network Center se agrupan y los datos se distribuyen alternativamente entre los dos discos duros. La ventaja de este modo es que permite leer y escribir con mucha más rapidez que con discos duros individuales. Sin embargo, tiene el inconveniente de que, si falla uno de los dos discos duros, se pierden todos los datos del Dual Drive Network Center.

RAID 1: si se utiliza el modo " RAID 1", todos los datos del primer disco duro se espejean en el segundo disco duro. El resultado es que sólo puede utilizarse la mitad de la capacidad de memoria total del Dual Drive Network Center. Sin embargo, la ventaja de este modo es la elevada seguridad de datos, ya que todo está guardado por duplicado. En caso de que falle uno de los dos discos duros, puede seguir utilizando los datos desde el segundo disco duro.

HDD Power Management

Los discos duros pueden configurarse de modo que se apaguen pasado un tiempo determinado en el que no se usan. De este modo se ahorra energía y se prolonga la vida útil de los discos duros. Esta opción está desactivada por defecto.

Active o desactive el Power Management mediante Enable/Disable. Seguidamente, en el menú desplegable seleccione el tiempo tras el cual el disco duro pasará al estado de reposo. Puede elegir entre los ajustes siguientes:

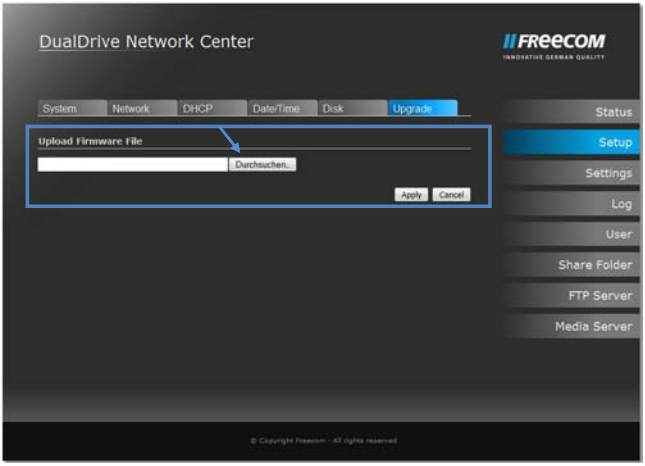
- 10 min
- 20 min
- 30 min
- 60 min
- 120 min

Actualización del firmware

Vaya a Setup -> Upgrade

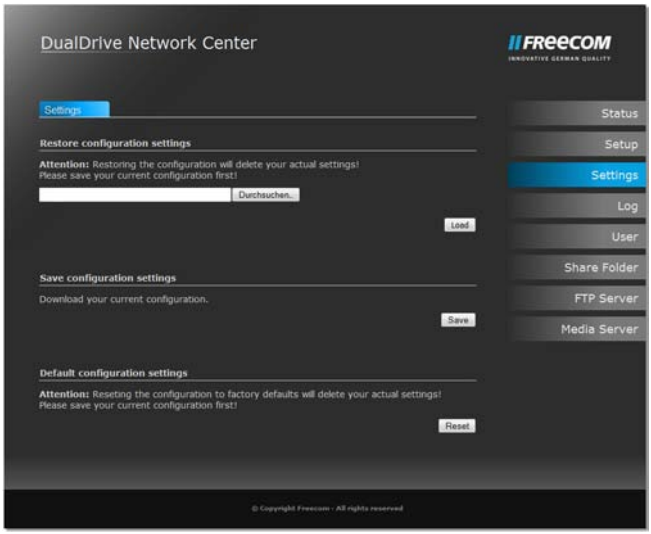
Upgrade

Haga clic en "Examinar" y seleccione el archivo que ha descargado de http://www.freecom.com. Haciendo clic en "Apply" se instalará el firmware nuevo. Seguidamente, el dispositivo se reinicia.



Por norma general, el firmware nuevo soluciona errores y amplía las funciones del Dual Drive Network Center. Compruebe en http://www.freecom.com si existen nuevas actualizaciones de firmware.

Ajustes (Settings)



El apartado "Settings" permite cargar, guardar y restablecer los ajustes de configuración.

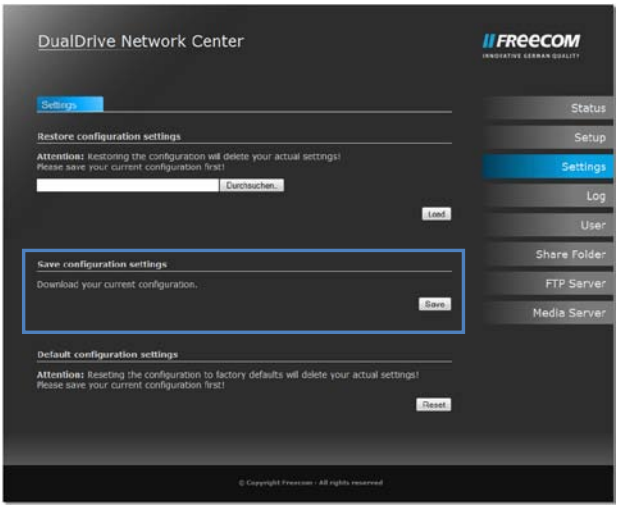
Guardar la configuración

Este menú ofrece la posibilidad de guardar el archivo de configuración actual en el ordenador.

Después de hacer clic en el botón "Save" se generará el nombre del archivo de configuración. Haga clic en el nombre del archivo para guardarlo.

Restablecer la configuración

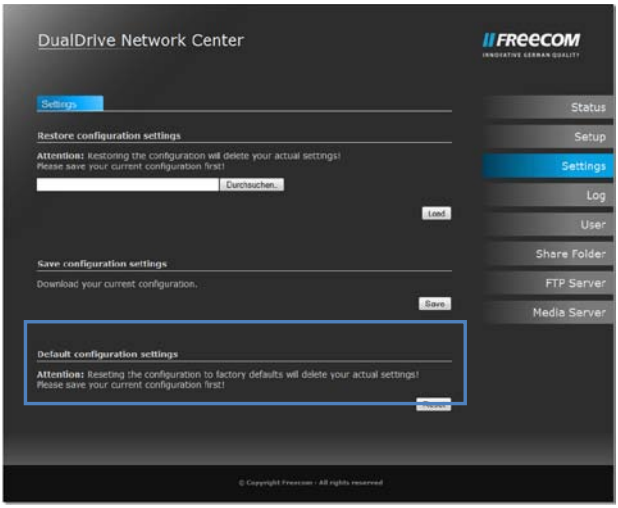
Haga clic en "Examinar", seleccione el archivo Bin previamente guardado y haga clic en "Load" para restablecer los ajustes guardados.



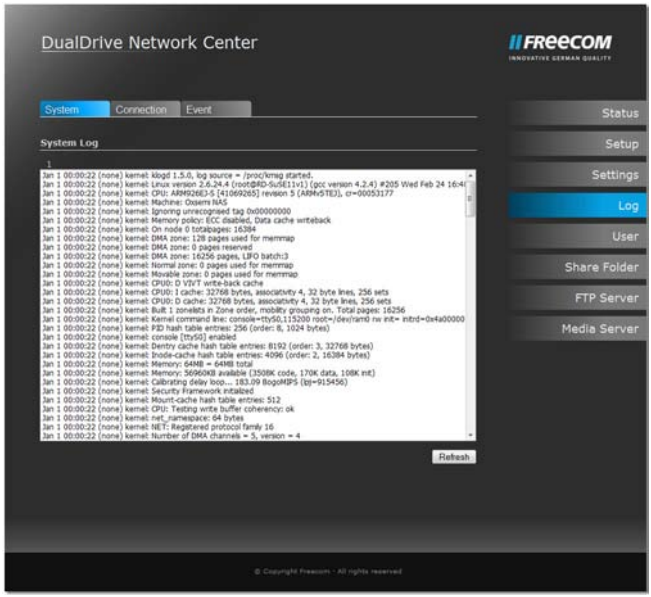
Restablecer la configuración de fábrica

Haga clic en "Reset" para restablecer la configuración de fábrica del dispositivo.

Atención: se perderán todos los ajustes realizados previamente.



Registro (Log)

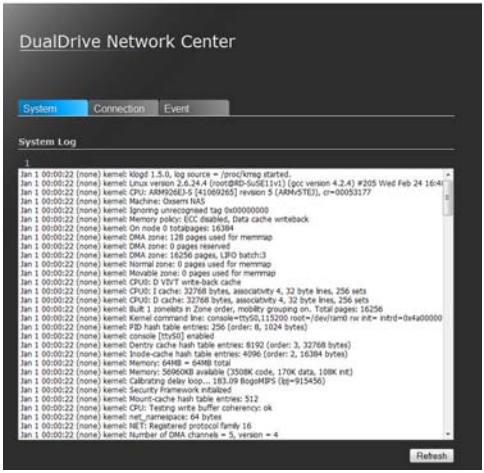


El apartado "Log" muestra un resumen de las operaciones del sistema.

Vista general del registro de kernel (System Log)

Vaya a Log -> System

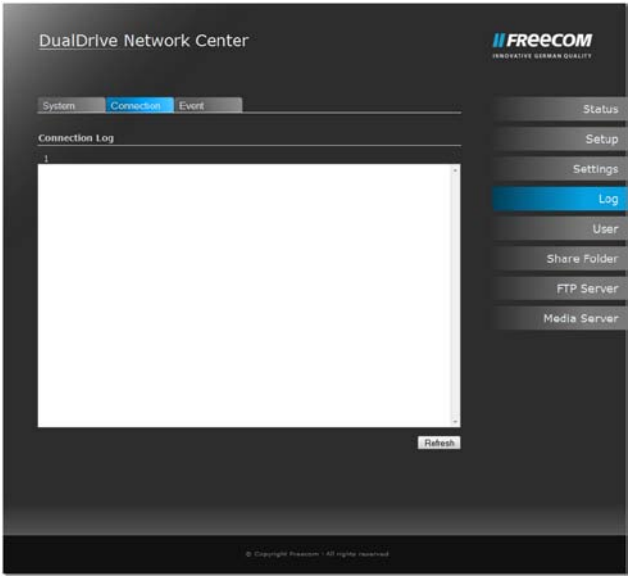
En el registro de kernel se muestran todos los eventos relacionados con el kernel.



Registro de conexión (Connection Log)

Vaya a Log -> Connection

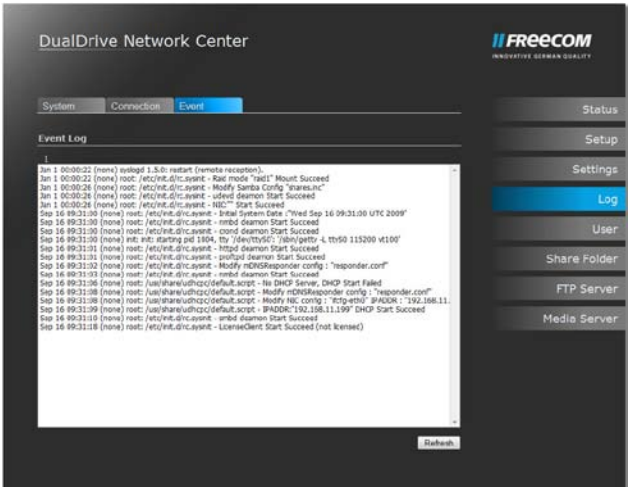
En el Connection Log se muestran todos los eventos de la conexión FTP.



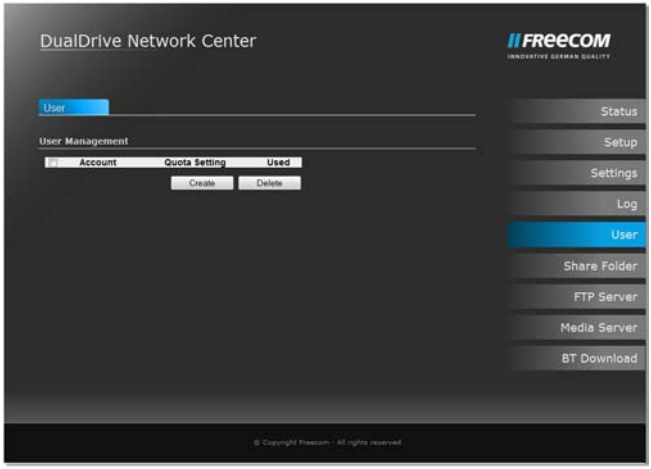
Vista general del registro de eventos (Event Log)

Vaya a Log -> Event

En el Event Log se muestran todos los eventos de servicio (p. ej. Samba).



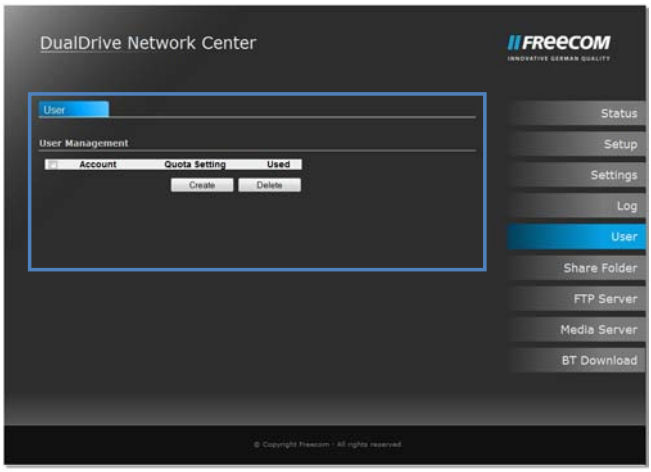
Administración de usuarios (User)



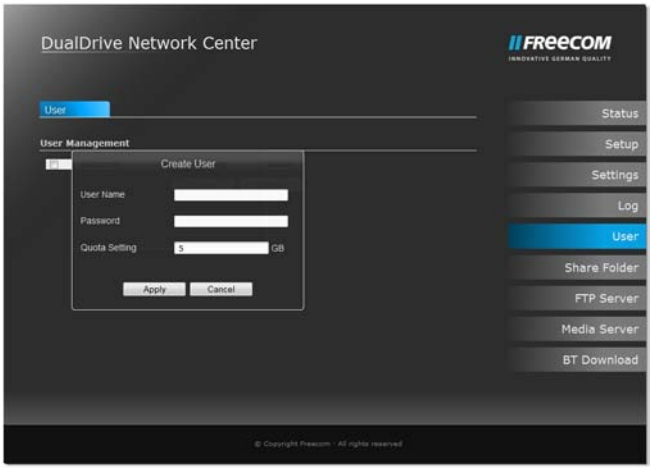
El apartado "User" muestra una vista general de todas las cuentas de usuario y la capacidad de memoria utilizada, además de ofrecer la posibilidad de añadir usuarios nuevos.

Crear un usuario

Para crear un usuario nuevo haga clic en "Create".



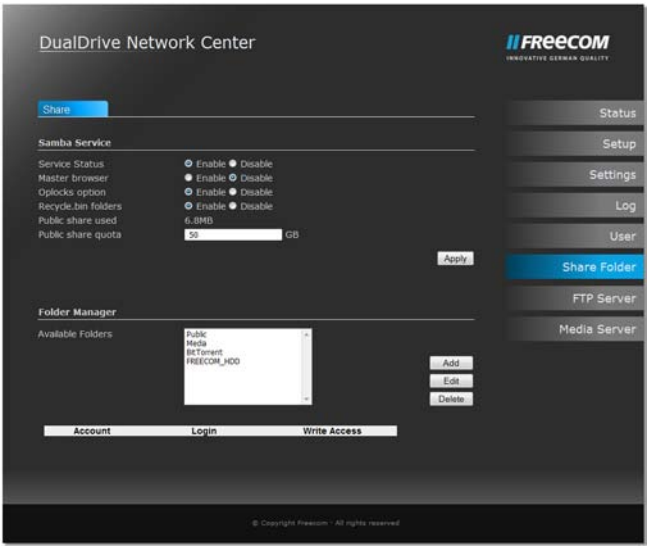
Aparece un cuadro de diálogo que permite asignar el nombre de usuario, la contraseña y la capacidad de memoria.



Habilitación de directorio

El apartado "Habilitación de directorio" ofrece la posibilidad de activar ("Enable") o desactivar ("Disable") diferentes servicios, así como definir el tamaño de la carpeta pública (Public).

Asimismo, se muestra la ocupación de la carpeta pública y se permite administrar carpetas.



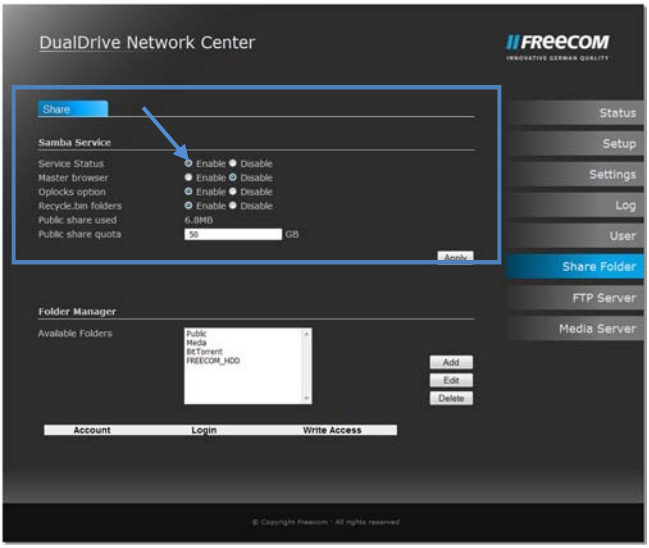
Dispone de los servicios siguientes:

Service Status
Activa y desactiva la función SMB.

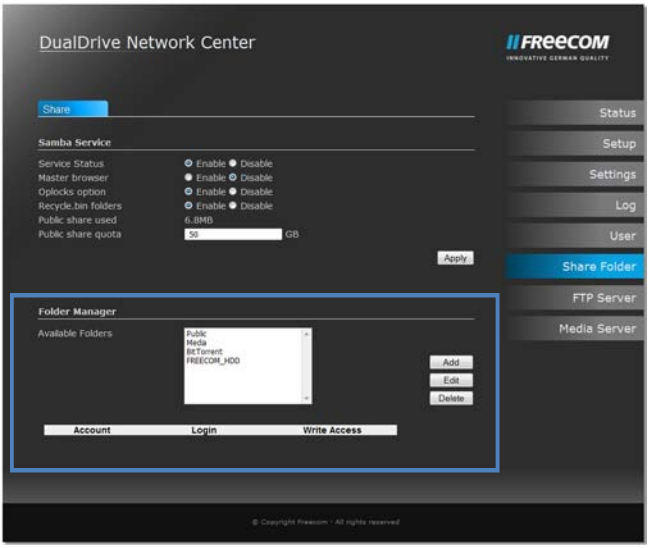
Master Browser
El Master Browser gestiona los nombres de todos los ordenadores de la red. En redes de Windows, el propio Windows pone a disposición el Master Browser. Por norma general, no es necesario activar el Master Browser.

Oplocks Option
Oplocks ("Opportunistic locking") es un mecanismo de bloqueo de archivos del protocolo SMB que se desarrolló para mejorar el rendimiento mediante un coaching controlado de archivos.

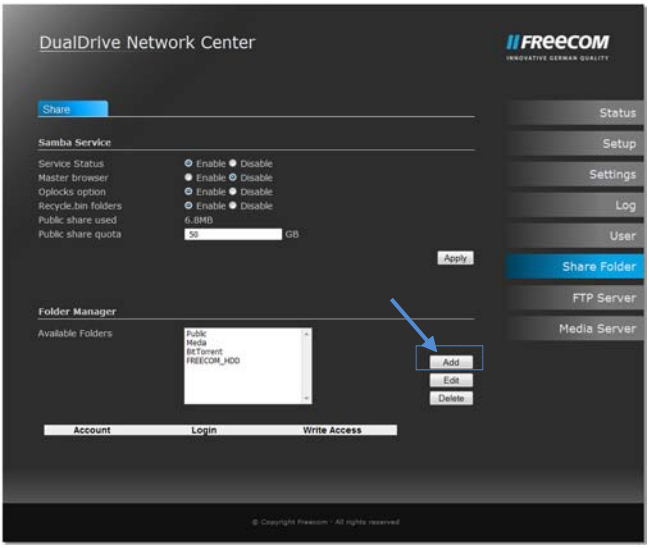
Recycle.bin folders
Se crean o no se crean carpetas Recycle.bin en habilitaciones SMB.



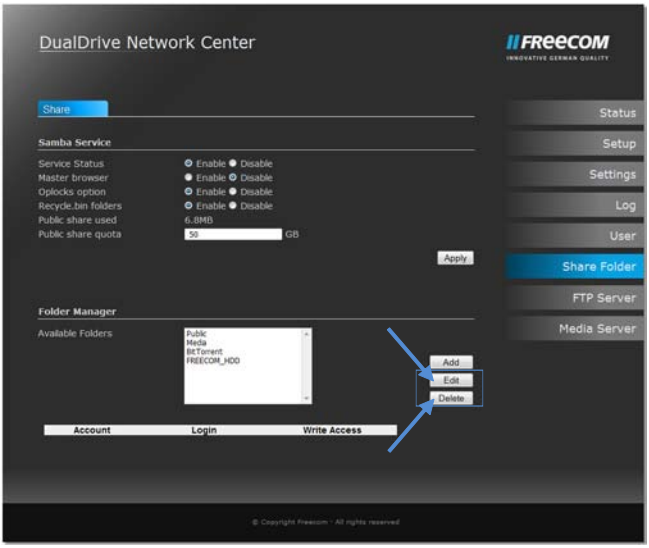
En la carpeta Manager pueden añadirse, editarse o borrarse carpetas.



Haga clic en "Add" para crear una carpeta nueva. Seguidamente, seleccione la autorización de acceso y haga clic en "Apply" para aplicar el cambio.

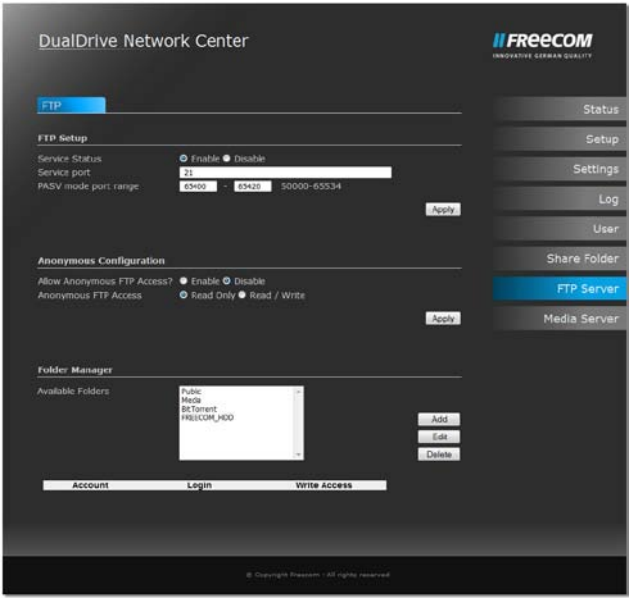


Si hace clic en "Edit" o "Delete" podrá editar o borras las carpetas borradas, respectivamente.



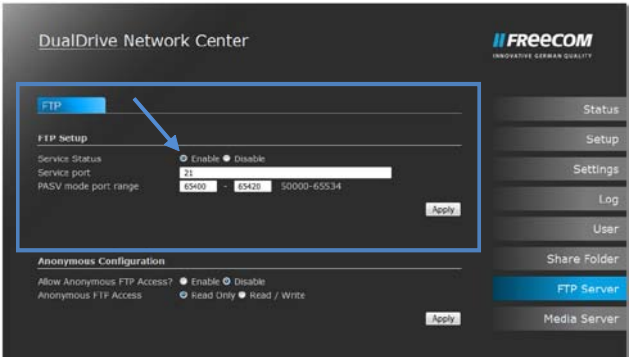
Servidor FTP

El apartado "FTP" le ofrece la posibilidad de configurar y gestionar un servidor FTP.



Configuración de FTP (FTP Setup)

La opción FTP Setup permite activar ("Enable") y desactivar ("Disable") el servidor FTP, asignar el Service Port y ajustar el Passiv Mode Port Range para el servidor FTP.

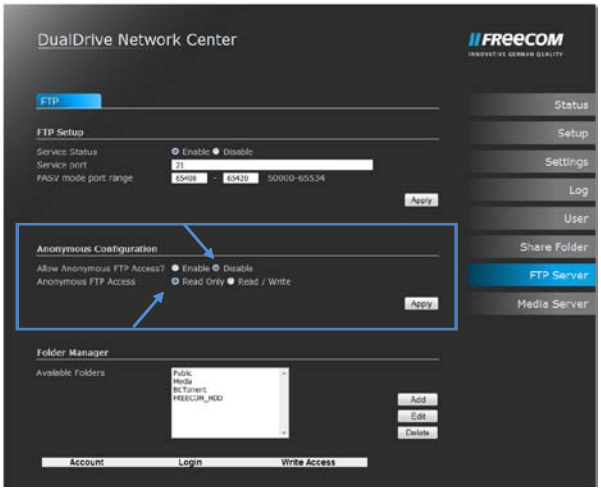


Anonymous Configuration

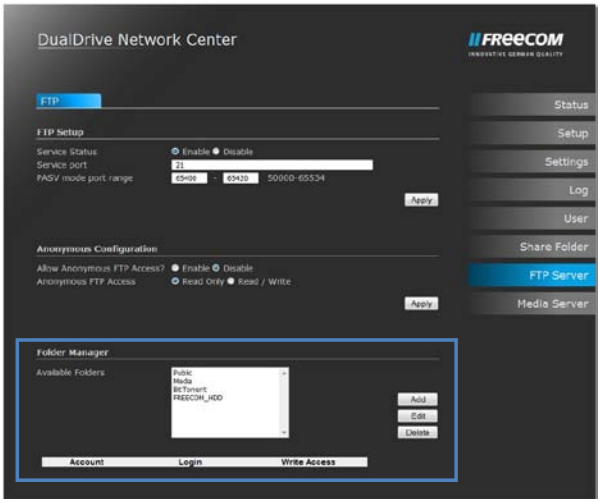
En "Anonymous Configuration" existe la posibilidad de permitir (enable) o rechazar (disable) el acceso FTP a usuarios anónimos. Asimismo, es posible definir si los usuarios anónimos deben tener derechos de lectura y escritura o sólo derechos de lectura en el servidor FTP.

Haga clic en "Apply" para aplicar los cambios.

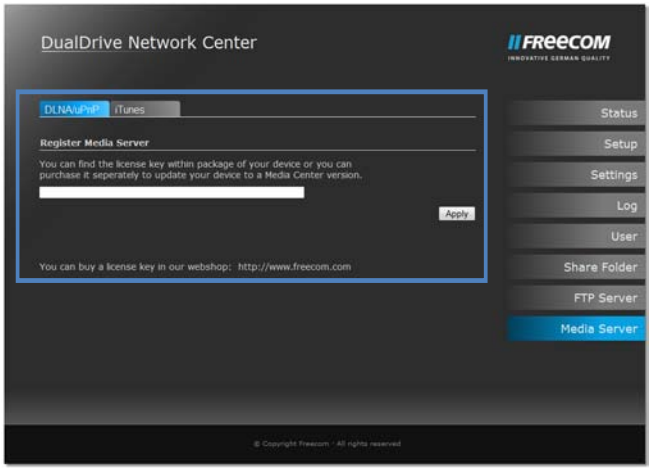
Los usuarios anónimos utilizan el nombre de usuario anonymous y una dirección de correo electrónico como contraseña para conectarse.



En "Folder Manager" puede habilitar, añadir, editar o borrar carpetas para el servidor FTP.



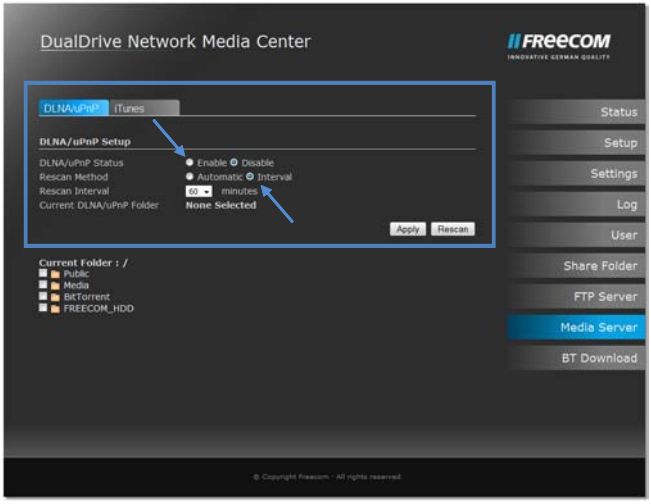
Servidor multimedia (Media Server)



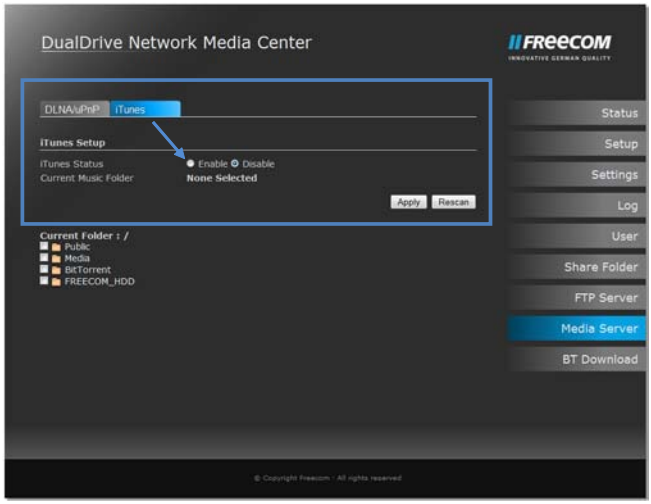
El apartado "Media Server" ofrece la posibilidad de usar el dispositivo como Media Server y utilizar el Bit Torrent Client del dispositivo después de introducir la clave de licencia.

DLNA/uPnP

Después de entrar la clave, puede utilizar y configurar el servicio DLNA/uPnP. Haga clic en "Enable" para activar el servicio. Seguidamente, seleccione el método de escaneado. Para "Interval" hay que elegir todavía el tiempo de intervalo en "Rescan Interval". Seleccione una o varias carpetas con contenido multimedia y haga clic en "Apply" para aplicar los cambios.

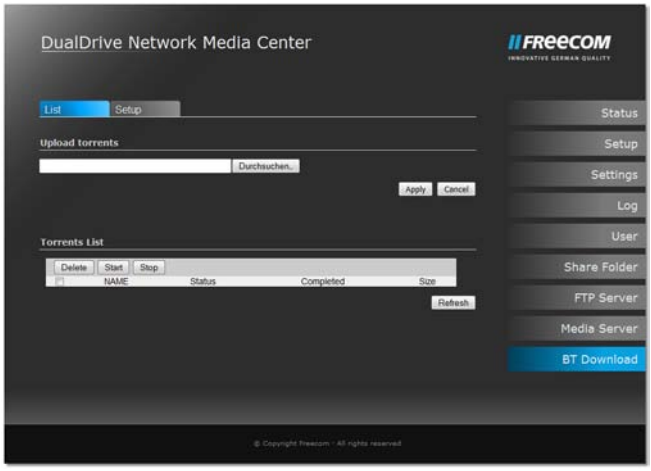


iTunes



Active este servicio haciendo clic en "Enable". Seleccione una o varias carpetas con contenido multimedia y haga clic en "Apply" para aplicar los cambios. Sus habilitaciones de medios deben estar en subcarpetas de los directorios habilitados.

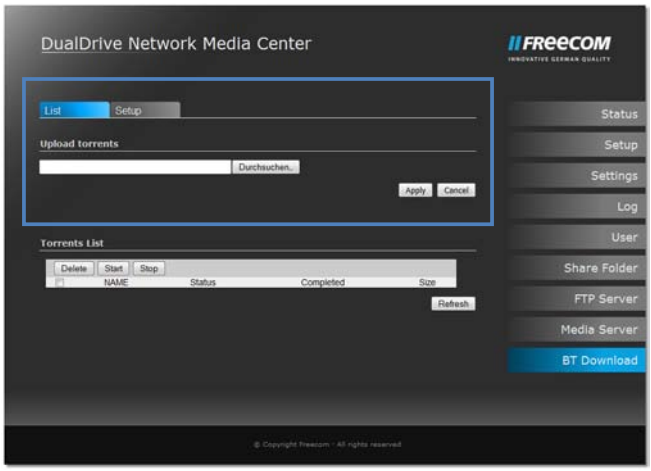
Descarga de Bit Torrent (BT Download)



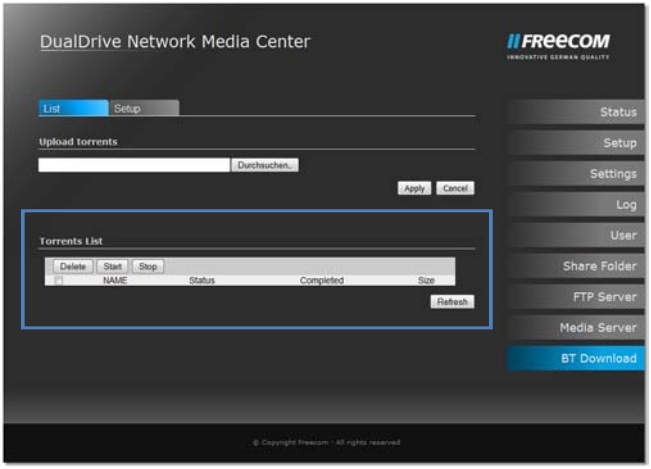
En el apartado BT Download está el Bit Torrent Client del dispositivo. Aquí puede insertar y descargar archivos Torrent.

Lista (List)

La opción "List" permite añadir archivos Torrent haciendo clic en "Examinar" de "Upload torrents". Seguidamente, haga clic en "Apply" para aplicar los cambios.



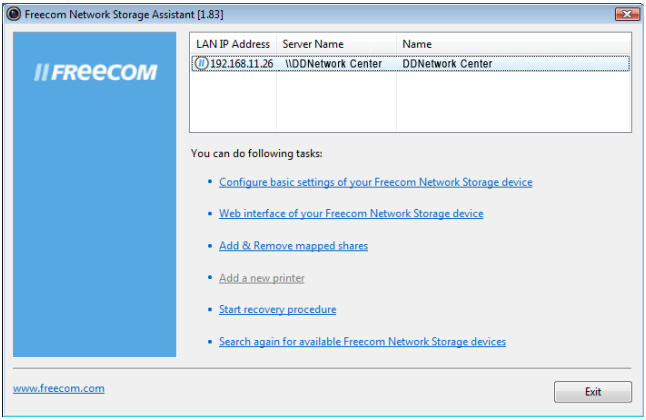
En "Torrent List" se muestra una vista general de los archivos Torrent del Bit Torrent Client que se están descargando en estos momentos. Haga clic en "Refresh" para actualizar la vista.



Capítulo: El Asistente Freecom Network Storage

Funciones del Asistente del Freecom Network Storage (PC)

El Asistente Freecom Network Storage le ayuda a encontrar todos los Dual Drive Network Center de su red. Si hace que se ejecute, le mostrará todos los Network disponibles en su red y le ayudará a la hora de crear carpetas de red. Todas las funciones del Asistente del Freecom Network Storage pueden ejecutarse también manualmente.



La contraseña y el nombre de inicio de sesión con que se entrega el Dual Drive Network Center son:

Login Name: **admin**
Contraseña: **admin**

Configuración de ajustes básicos de Dual Drive Network Center

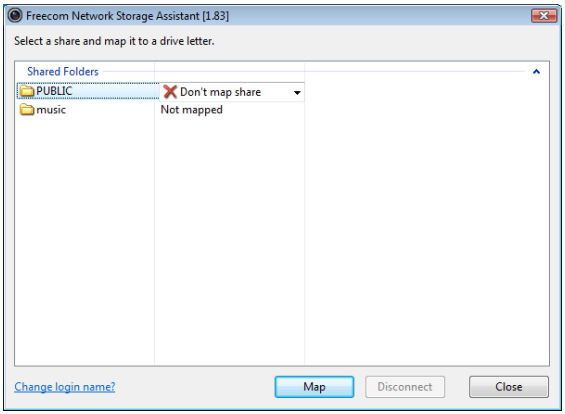
En esta pantalla, podrá configurar una dirección IP, una máscara de subred, el nombre del dispositivo y el nombre del grupo de trabajo de Dual Drive Network Center. Con esta información es fácil localizar su Dual Drive Network Center en la red sin el FNSA. Para cambiar los ajustes, tiene que introducir la contraseña de administrador.

Acceso a la interfaz Web de su Dual Drive Network Center

Si hace clic en este punto de menú, se abrirá la interfaz Web del Dual Drive Network Center en su explorador predeterminado.

Agregar y quitar unidades de disco de red

Dentro de este menú podrá asignar letras de unidad a las carpetas de su Dual Drive Network Center. Esto le permitirá acceder rápidamente a estas carpetas dentro de Windows.



Iniciar proceso de recuperación

Este procedimiento puede recuperar los datos predeterminados de fábrica, en caso de ya no poder acceder a su Dual Drive Network Center. ¡Los datos de usuario no se perderán!

Para la restauración deberá seguir los siguientes pasos:

a) Habilite el modo de restauración haciendo clic, dentro del Asistente del Freecom Network Storage , en el botón que ejecuta el proceso de restauración.

b) Desconecte Dual Drive Network Center.

c) Pulse, con cuidado, la tecla "Reset" con un objeto puntiagudo. La tecla "Reset" se halla junto a la conexión de la fuente de alimentación de CA, en la cara trasera del Dual Drive Network Center.

d) Mantenga pulsado el botón ‚Reset' y vuelva a encender el dispositivo.

e) Espere hasta que el LED blanco se apague (aprox. 1 segundo), y vuelva a soltar el botón ‚Reset'.

Repetir la búsqueda de Freecom Network disponibles

Haga clic aquí para volver a buscar su Dual Drive Network Center, en caso de que no hubiera podido localizarse. Cerciórese de que ha configurado su red tal y como se ha descrito en este manual y de que ha enchufado todos los cables del modo debido.

Funciones del Asistente del Freecom Network Storage (Mac)

El Asistente Freecom Network Storage le ayuda a encontrar todos los Dual Drive Network Center de su red. Si hace que se ejecute, le mostrará todos los Network disponibles en su red y le ayudará a configurar el Dual Drive Network Center y a la hora de crear carpetas de red. Con el asitente del Freecom Network Storage podrá realizar las configuraciones básicas y hallar fácilmente la página Web de configuración. Todas las funciones del Asistente del Freecom Network Storage pueden ejecutarse también manualmente.

La contraseña y el nombre de inicio de sesión con que se entrega el Dual Drive Network Center son:

Login Name: **admin**
Contraseña: **admin**

Configuración de ajustes básicos de Dual Drive Network Center

En esta pantalla, podrá configurar una dirección IP, una máscara de subred, el nombre del dispositivo y el nombre del grupo de trabajo de Dual Drive Network Center. Con esta información es fácil localizar su Dual Drive Network Center en la red sin el FNSA. Para cambiar los ajustes, tiene que introducir la contraseña de administrador.

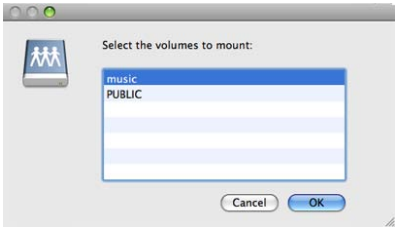
Sitio Web tu Freecom Network Storage dispositivo

Si hace clic en este punto de menú, se abrirá la interfaz Web del Dual Drive Network Center en su explorador predeterminado.

Conectar con un directorio compartido

Dentro de este menú podrá tú para "mount" (montar) cualquier carpeta de tu Dual Drive Network Center o tú Mac. Esto le permitirá acceder rápidamente a estas carpetas.

Mac OS X 10.4



Mac OS X 10.5

Repetir la búsqueda de Freecom Network disponibles

Haga clic aquí para volver a buscar su Dual Drive Network Center, en caso de que no hubiera podido localizarse. Cerciórese de que ha configurado su red tal y como se ha descrito en este manual y de que ha enchufado todos los cables del modo debido.

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Smartmontools version: 5.33	GPLv2
Udevd version: 115	GPLv2
uShare version: 1.1a	GPLv2
openssl version: 0.9.7e	OpenSSL License/Original SSLeay License
efsprogs version: 1.41.3	GPLv2 / LibGPLv2
libid3tag version: 0.15.1b	GPLv2
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Version 2, June 1991

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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